

Converting Colors

Hex(0A65B9)

Have a look what the booklet for
Hex(0A65B9) contains.

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Color

Hex(0A65B9)

Conversions

Conversions Part 1

Format	Color
Hex	0A65B9
RGB	10, 101, 185
RGB Percent	4%, 40%, 73%
CMY	0.9608, 0.6039, 0.2745
CMYK	0.95, 0.45, 0.00, 0.27
HSL	209°, 90%, 38%
HSV	209°, 95%, 73%
XYZ	13.5358, 12.8747, 47.6706
YIQ	83.3670, -81.2000, 6.8320

Conversions

Conversions Part 2

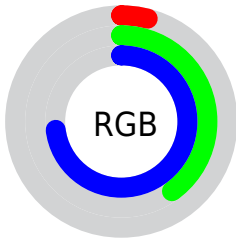
Format	Color
RYB	10, 70, 185
Decimal	681401
CIELab	42.57, 8.63, -50.88
CIELCh	43, 51.604, 279.631
Yxy	12.8747, 0.1827, 0.1738
Android (android.graphics.Color)	4278871481 (0xFF0A65B9)
YUV	83.3670, 50.1051, -64.3429
Hunter-Lab	35.8813, 4.5448, -53.6536

Details

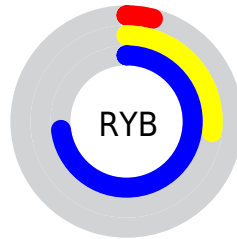
The Hex color **0A65B9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B95E0A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5F97F2**, and **003783** is the 20% darker color. If you saturate the color by 10%, you get **0060B9**, and if you desaturate by 10%, it is **1C6EB9**.

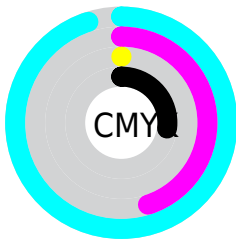
Distribution



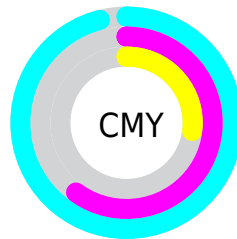
- Red (4%)
- Green (40%)
- Blue (73%)



- Red (4%)
- Yellow (27%)
- Blue (73%)



- Cyan (95%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A65B9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0A65B9 by changing the saturation by 10% instead.

■ 0A65B9

■ 0A65B9

FFFFFF

■ 004D9E

■ 5F97F2

■ 003783

■ 7EB2FF

■ 002369

■ 9CCDFF

■ 000D51

■ BAE9FF

■ 000539

■ D8FFFF

■ 000222

■ F7FFFF

■ 000009

■ 000000

■ 0A65B9

■ 0A65B9

■ 0060B9

■ 1C6EB9

■ 2F77B9

■ 4180B9

■ 5489B9

■ 6791B9

■ 799AB9

■ 8BA3B9

■ 9EACB9

■ B1B5B9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0071B4



0A65B9



7753A7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A65B9



A94530



007645

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0A65B9



B95E0A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3D711B



0A65B9



90580A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0A65B9



B03959



6C6700



007872

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0A65B9



974590



6C6700



007537

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0A65B9



ADCFF0



0AB95C



4F6478



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0A65B9



007DF0



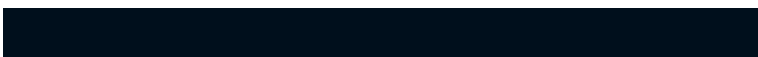
0A10B9



53575C



00519C



000F1C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B90A65



F0007D



B9B30A



5C5357



9C0051



1C000F

Previews

White Background



This preview shows how the Hex color 0A65B9 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0A65B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

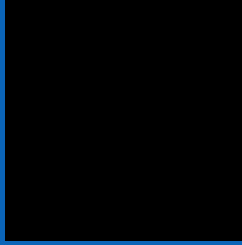
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0A65B9 Background



This preview shows how black text looks on a background with the Hex color 0A65B9.



This preview shows how white text looks on a background with the Hex color 0A65B9.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

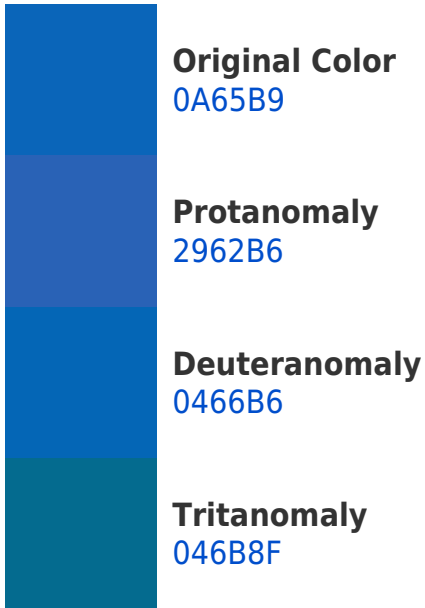
Dichromacy





Tritanopia
006F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0A65B9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0A65B9 looks like.

```
.text, #text, p{  
    color:#0A65B9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0A65B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A65B9
}
```

Border

The CSS property to change the border of an element to Hex 0A65B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A65B9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0A65B9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0A65B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A65B9; -webkit-box-shadow:4px 4px  
4px 4px #0A65B9; box-shadow:4px 4px 4px  
4px #0A65B9 }
```

Background

The CSS property to change the background color of an element to Hex 0A65B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A65B9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0A65B9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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